



ATTORNEYS AT LAW



Robert Greene Sterne  
Edward J. Kessler  
Jorge A. Goldstein  
David K.S. Cornwell  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michele A. Cimbala  
Michael B. Ray  
Robert E. Sokohl  
Eric K. Steffe  
Michael Q. Lee  
Steven R. Ludwig  
John M. Covert  
Linda E. Alcorn  
Robert C. Millonig  
Donald J. Featherstone  
Lawrence B. Bugaisky  
Michael V. Messinger

Judith U. Kim  
Timothy J. Shea, Jr.  
Patrick E. Garrett  
Heidi L. Kraus  
Edward W. Yee  
Albert L. Ferro  
Donald R. Banowitz  
Peter A. Jackman  
Teresa U. Medler  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent L. Capuano  
Eldora Ellison Floyd  
Thomas C. Fiala  
Brian J. Del Buono  
Virgil Lee Beaton  
Kimberly N. Reddick  
Theodore A. Wood

Elizabeth J. Haanes  
Joseph S. Ostroff  
Frank R. Cottingham  
Christine M. Lhullier  
Rae Lynn Pengaman  
Jane Shershenovich  
George S. Bardmesser  
Daniel A. Klein  
Jason D. Eisenberg  
Michael D. Specht  
Andrea J. Kamage  
Tracy L. Muller  
LuAnne M. DeSantis  
John J. Figueroa  
Ann E. Summerfield  
Tiera S. Coston  
Aric W. Ledford  
Jessica L. Parezo

Timothy A. Doyle  
Gaby L. Longworth  
Nicole D. Dretar  
Ted J. Ebersole  
Jyoti C. Iyer  
**Registered Patent Agents\***  
Karen R. Markowicz  
Nancy J. Leith  
Helene C. Carlson  
Matthew J. Dowd  
Aaron L. Schwartz  
Katrina Y. Pei Quach  
Bryan L. Skelton  
Robert A. Schwartzman  
Teresa A. Colella  
Jeffrey S. Lundgren  
Victoria S. Rutherford

Eric D. Hayes  
Michelle K. Holoubek  
Robert H. DeSelms  
Simon J. Elliott  
Julie A. Heider  
Mita Mukherjee  
Scott M. Woodhouse

**Of Counsel**  
Kenneth C. Bass III  
Evan R. Smith  
Marvin C. Guthrie

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice limited to  
Federal Agencies

June 17, 2004

RECEIVED

JUN 18 2004

Technology Center 2600

WRITER'S DIRECT NUMBER:  
(202) 772-8835  
INTERNET ADDRESS:  
TFIALA@SKGF.COM

Art Unit 2663

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Utility Patent Application  
Application No. 09/710,238; Filed: November 9, 2000  
For: **Pre-Equalization Technique For Upstream Communication between  
Cable Modem And Headend**  
Inventors: QUIGLEY *et al.*  
Our Ref: 1875.132000G

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Copy of Revocation Of Prior Power Of Attorney And Appointment Of New Attorneys Of Record filed August 23, 2001;
2. Copy of Certificate Under 37 C.F.R. §3.73(b) filed August 23, 2001;
3. Copy of PTO date stamped receipt card, dated August 23, 2001; and
4. One (1) return receipt postcard.

On August 23, 2001, Applicants filed a Revocation of Prior Power of Attorney And Appointment Of New Attorneys of Record and a Certificate Under 37 C.F.R. §3.73(b) in the U.S. Patent Office. Applicants called Examiner Ming Jung today, June 17, 2004, and Examiner Jung indicated that there was no record in the PTO file of the documents filed on August 23, 2001. Applicants hereby **resubmit** copies of the papers filed on August 23, 2001 along with a PTO date stamped receipt card.

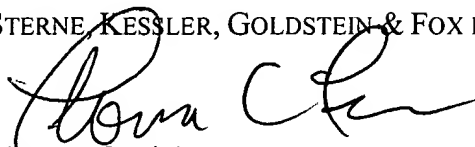
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
June 17, 2004  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Thomas C. Fiala  
Attorney for Applicants  
Registration No. 43,610

TCF/mjg  
Enclosures



#5  
BPP 1195/24/64  
CON(6)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Quigley *et al.*

Appl. No. 09/710,238

Filed: November 9, 2000

For: **Pre-Equalization Technique for  
Upstream Communication Between  
Cable Modem and Headend**

Art Unit: 2152

Examiner: *To Be Assigned*

Atty. Docket: 1875.132000G

**Revocation of Prior Power of Attorney and Appointment of New  
Attorneys of Record**

**RECEIVED**

JUN 18 2004

Assistant Commissioner for Patents  
Washington, D.C. 20231

Technology Center 2600

Sir:

The undersigned, having express authority to represent Broadcom Corporation, the assignee of the entire right, title, and interest in the above-captioned application, by assignment recorded at the U.S. Patent and Trademark Office on August 15, 2000, at Reel 011049, Frame 0482, hereby revokes all powers of attorney heretofore given in the above-captioned application and appoints as his attorneys James D. Bennett, Registration No. 37,550 and David J. Rosmann, Registration No. 43,059, and the attorneys associated with Customer Number 28393, those attorneys currently being: Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; Samuel L. Fox, Registration No. 30,353; David K.S. Cornwell, Registration No. 31,944; Robert W. Esmond, Registration No. 32,893; Tracy-Gene G. Durkin, Registration No. 32,831; Michele A. Cimbala, Registration No. 33,851; Michael B. Ray, Registration No. 33,997; Robert E. Sokohl, Registration No. 36,013; Eric K. Steffe, Registration No. 36,688; Michael Q. Lee, Registration No. 35,239; Steven R. Ludwig, Registration No. 36,203; John M. Covert, Registration No. 38,759; and Linda E. Alcorn, Registration No. 39,588, with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

The undersigned hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send all correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934.

Direct telephone calls to (202) 371-2600.

On behalf of Broadcom Corporation:

FOR: Broadcom Corporation

SIGNATURE: 

BY: William J Ruehle

TITLE: Vice President Chief Financial Officer

DATE: 7-30-01



## Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: Thomas J. QUIGLEY, Jonathan S. MIN, Lisa V. DENNEY, Henry SAMUELI, Sean F. NAZARETH, Feng CHEN, Fang LU and Christopher R. JONES

Application No./Patent No.: 09/710,238 Filed/Issue Date: November 9, 2000

Entitled: Pre-Equalization Technique for Upstream Communication Between Cable Modem and Headend

Broadcom Corporation

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011049, Frame 0482, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: x 7-30-01

Name: x William J Ruehle

Title: x Vice President Chief Financial Officer

Signature: x [Signature]

RECEIVED

JUN 18 2004


Technology Center 2600



RECEIVED

JUN 18 2004

Technology Center 2600

 Applicants: Quigley *et al.*

Application No.: 09/710,238

Filed: November 9, 2000

For: Pre-Equalization Technique for Upstream Communication Between Cable Modem and Headend

Due Date: N/A

Art Unit: 2152

Examiner: To Be Assigned

Docket: 1875.132000G

Atty: RES

When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. Revocation of Prior Power of Attorney and Appointment of New Attorneys of Record;
2. Certificate Under 37 C.F.R. §3.73(b); and
3. Return postcard.

Art Unit 2152

Please Date Stamp And Return To Our Courier

